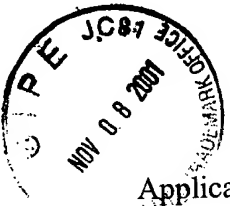


12-10-01

8P/631

BOX AMENDMENTS



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Brown, Stephen J. Attorney Docket No.: HERO-1-1089
Serial No.: 09/496,893 Group Art Unit: 1631
Filing Date: February 2, 2000 Examiner: Marschel, Arden
Title: PHENOSCOPE AND PHENOBASE

AMENDMENT TRANSMITTAL LETTER

TO THE COMMISSIONER FOR PATENTS:

RECEIVED
DEC 12 2001
TECH CENTER 1600/2900

Transmitted with this letter is

1. Preliminary Amendment Under 37 CFR 1.115; and
2. Return postcard.

The claim fee for the amended claims is as follows:

COMPUTATION OF FEE FOR CLAIMS AS AMENDED

	Claims Remaining After Amendment		Highest Number Previously Paid For		Present Extra		Rate		Additional Fee
Total Claims	7	Minus	29	=	0	x	\$18	=	0.00
Independent Claims	1	Minus	5	=	0	x	\$84	=	0.00
Total additional Fee for this Amendment									\$0.00



HERO-1-1089 TL1 AMEND

25315

PATENT TRADEMARK OFFICE

BLACK LOWE & GRAHAM^{PLLC}

816 Second Avenue • Seattle, Washington 98104
206.381.3300 • Fax: 206.381.3301 • www.blacklaw.com

Additional Fee Charges or Credit for Overpayment

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16, 1.17 and 1.18 which may be required during the entire pendency of the application, or credit any overpayment, to Deposit Account No. 501050. This authorization also hereby includes a request for any extensions of time of the appropriate length required upon the filing of any reply during the entire prosecution of this application. *A copy of this letter is enclosed.*

Address all communications to:

Michael S. Smith
BLACK LOWE & GRAHAM^{PLLC}
816 Second Avenue
Seattle, WA 98104
Phone: 206.381.3300
Fax: 206.381.3301

Respectfully submitted,

BLACK LOWE & GRAHAM^{PLLC}



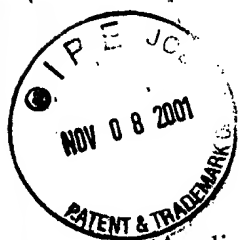
Michael S. Smith
Registration No. 39,563
Direct Dial: 206.749.9888

EXPRESS MAIL CERTIFICATE

I hereby certify that this communication is being deposited with the United States Postal Service via Express Mail No. EL476256510US under 37 C.F.R. § 1.10 on the date indicated below addressed to: Commissioner for Patents, BOX AMENDMENTS, Washington D.C. 20231.

11/8/01
Date of Deposit


Michelle J. Funston



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Brown, Stephen J.

Attorney Docket No.: HERO-1-1089

Serial No.: 09/496,893

Group Art Unit: 1631

Filing Date: February 2, 2000

Examiner: Marschel, Arden

Title: PHENOSCOPE AND PHENOBASE

#11/C
Plunkett
12/14/0

PRELIMINARY AMENDMENT UNDER 37 C.F.R. § 1.115

TO THE COMMISSIONER OF PATENTS:

In the Claims:

Please cancel ~~Claims~~ 1-20.

Please add Claims 30-36 as follows:

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C1
30. A computer network-based method for identifying a disease-influencing gene, the method comprising:

selecting a disease for study, wherein an environmental, behavior risk factor and physiologically are associated with the selected disease;

defining an environmental and behavior risk factor and associated with a disease;

creating at a computer system script-based queries for determining environmental and behavior risk factors;

presenting to a plurality of individuals of disease and non-disease populations on a remotely programmable apparatus having a user interface the presenting script-based queries for environmental and behavior risk factors, wherein the remotely programmable apparatus is coupled to the computer system over a network;

recording a physiological condition of the individual using a monitoring device attached to the remotely programmable apparatus;

transmitting answers to the script-based queries and the recorded physiologic condition from the monitoring device from the remotely programmable apparatus to a main computer over a communications network;

storing the answers to the script-based queries and the recorded physiologic condition in disease and non-disease databases coupled to the main computer based on the individual associated with the answers and the recorded condition;



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